

Missouri Department of Social Services
Division of Aging

Research and Evaluation Unit February 1999

Division of Aging

MISSOURI CARE OPTIONS

Annual Report Fiscal Year 1998

Missouri Department of Social Services 221 West High Street P.O. Box 1527 Jefferson City, Missouri 65102-1527

Department of Social Services Mission Statement

To maintain or improve the quality of life for the people of the state of Missouri by providing the best possible services to the public, with respect, responsiveness and accountability, which will enable individuals and families to better fulfill their potential.

Division of Aging Mission Statement

To promote, maintain, improve and protect the quality of life and quality of care for Missouri's older adults and persons with disabilities so they may live as independently as possible with dignity and respect.

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Introduction

Missouri Care Options (MCO) was implemented five years ago by the Department of Social Services/Division of Aging. The program works to:

- inform individuals of available long-term care options;
- promote quality long-term care in a home or community setting;
- moderate the growth of state funded nursing facility placements by assessing the viability of state funded care in a home or community setting; and
- enhance the integrity, independence and safety of Missouri's older adults.

The Central Registry Unit (toll-free hotline 1-800-392-0210), operated by the Division of Aging, is the clearinghouse for receipt of screening referrals. Upon completion of the screening process, an individual is determined to be MCO eligible if the individual:

- is considering state funded long-term care;
- has low-level maintenance health care needs but is "medically eligible" for nursing facility care;
- could reasonably have care needs met outside a nursing facility; and
- receives Medicaid funded long-term care in a home or community setting.

The purpose of this report is to present a summary of the MCO referral and screening process and the associated costs of providing long-term care to MCO clients during fiscal year 1998.

Nursing Facility Cost Avoidance

In fiscal year 1998, it is estimated that almost \$185 million in nursing facility costs were avoided as a result of increased use of alternatives to facility-based long term care. Of the total cost avoidance, the state share was 31 percent (\$57 million) and the federal share was 69 percent (\$127 million). Nursing facility cost avoidance is estimated by subtracting the actual service costs for MCO clients in a home or community setting from the costs of a Medicaid nursing facility* for the same number of days.

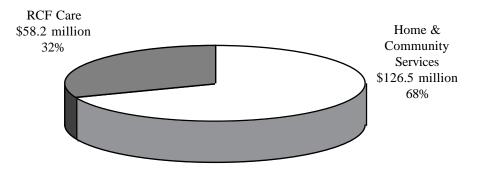
	Nursing Facility Cost Avoidance											
	General Revenue	Federal	<u>Total</u> **	Adjusted Total***								
FY 1994	\$5,424,267	\$9,583,170	\$15,007,437	\$15,007,437								
FY 1995	\$15,354,103	\$28,971,341	\$44,325,444	\$39,507,325								
FY 1996	\$24,180,799	\$44,185,251	\$68,366,050	\$62,353,087								
FY 1997	\$46,745,702	\$86,136,640	\$132,882,342	\$117,132,933								
FY 1998	\$57,496,223	\$127,187,781	\$184,684,004	\$161,969,625								

* FY 1994 Medicaid per diem rate:	\$16.00 GR, \$24.00 Federal
FY 1995, 1996 Medicaid per diem rate:	\$18.72 GR, \$26.96 Federal
FY 1997 Medicaid per diem rate:	\$23.60 GR, \$35.41 Federal
FY 1998 Medicaid per diem rate:	\$25.80 GR, \$38.71 Federal

^{**} Total cost avoidance has been adjusted for Supplemental Nursing Care cash grants received by residential care facility (RCF) personal care recipients.

Over two-thirds of the nursing facility cost avoidance in fiscal year 1998 resulted from providing care in a home or community setting. The remaining one-third resulted from residential care facility (RCF) residents receiving personal care as an alternative to higher cost settings.

FY 1998 Nursing Facility Cost Avoidance



^{***} Total for fiscal years 1995 through 1998 has been adjusted for the Federal Reimbursement Allowance. In 1994 the Missouri legislature enacted the "nursing facility reimbursement allowance" program, which imposed an annual fee on all privately owned nursing facilities. The purpose of this fee was to generate additional revenue to provide for increased Medicaid reimbursement to nursing homes. (Reference RSMo 198.401-198.439.)

Costs of Providing Services to MCO Clients at Home or in an RCF

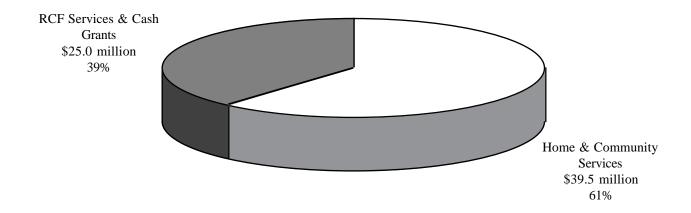
Over \$64.5 million was spent providing services to persons residing at home or in the community and personal care services to RCF residents during fiscal year 1998. Of that total, the state share was 53 percent and the federal share, 47 percent. The number of persons served increased from around 12,000 in fiscal year 1997 to over 15,000 in fiscal year 1998.

Costs of Providing MCO Home & Community and RCF Services											
	General Revenue	Federal	<u>Total</u>								
FY 1994	\$2,521,788	\$2,304,203	\$4,825,991								
FY 1995	\$10,083,159	\$7,589,053	\$17,672,212								
FY 1996	\$15,751,760	\$13,254,624	\$29,006,384								
FY 1997	\$23,422,619	\$19,048,363	\$42,470,982								
FY 1998	\$34,062,983	\$30,454,479	\$64,517,462								

Note: General Revenue costs include Supplemental Nursing Care cash grants issued by the state to RCF-personal care recipients.

Of the \$64.5 million total cost, 61 percent paid for home & community services. The remainder was Medicaid costs related to services provided to recipients residing in an RCF and their cash grants issued monthly by the state.

FY 1998 MCO Costs



Costs by Service and Funding Source

MCO home & community clients who received a service reimbursed during the fiscal year received over 4.5 million units* of services, averaging 289 annual units per recipient. Over half of recipients received Title XIX (Medicaid) personal care services in their homes; 35 percent received personal care while residing in an RCF. Over 1,500 persons received services funded by General Revenue (GR) and block grants.

MCO Home & Community Services Reimbursed During Fiscal Year 1998										
Services	Recipients	Delivered Units*	<u>Total Costs</u>							
Title XIX Personal Care	8,426	1,537,881	\$18,102,112							
Title XIX RCF-Personal Care	5,440	1,158,888	\$12,889,435							
Title XIX Homemaker	6,179	798,226	\$9,398,116							
Title XIX Hourly Respite	1,395	411,923	\$4,079,175							
Title XIX RN Visits	2,006	30,212	\$1,084,923							
Title XIX Home Health	846	61,354	\$1,235,362							
Title XIX Advanced Personal Care	658	96,022	\$1,515,798							
Title XIX Adult Day Health Care	139	12,544	\$516,735							
Title XIX Respite	14	290	\$11,560							
GR/Block Grant Personal Care	1,541	144,146	\$1,687,492							
GR/Block Grant Homemaker	1,118	74,571	\$873,118							
GR/Block Grant Nurse Visits	330	2,549	\$91,300							
GR/Block Grant Hourly Respite	264	41,455	\$409,506							
GR/Block Grant Advanced Personal	Care 154	12,074	\$189,597							
OAA Title III-C/Home Delivered Me	eals** 936	134,055	\$323,073							
OAA Title III-B, Title III-D**	31	3,030	\$23,210							
RCF Cash Grants	5,722	NA	\$12,086,949							
TOTAL (unduplicated)***	15,618	4,519,220	\$64,517,462							

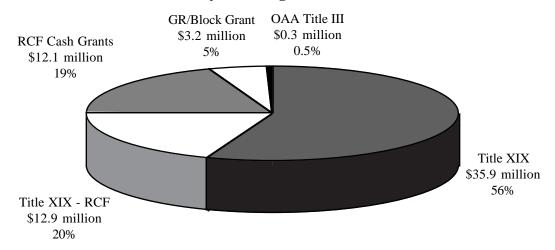
^{* 1} unit=1 hour; 1 Nurse visit=1 unit; 1 adult day care unit=1 day; 1 home delivered meal unit=1 meal

Title XIX (Medicaid) funded over half of the MCO home & community services during fiscal year 1998. Title XIX funded personal care services in an RCF, accounting for 20 percent of total costs. RCF cash grants (state funds only) accounted for 19 percent, and block grant and General Revenue funds for five percent of service costs. Older Americans Act Title III funds used was \$346,283.

^{**} Older Americans Act (OAA) Title III services tracking is based on data entry by Division of Aging staff.

^{***} Persons may receive more than one of the available home & community services; thus, the number of recipients for each service adds to more than the total.

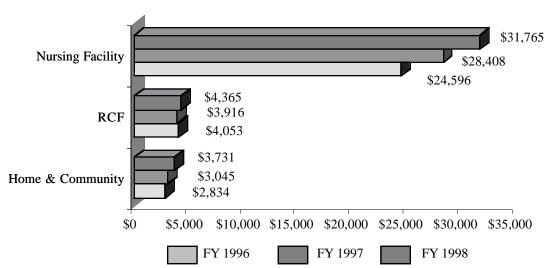
FY 1998 Home & Community MCO Costs by Funding Source



Average Annual Cost Per Recipient

The average annual cost during fiscal year 1998 to provide home & community services to each MCO client "medically eligible" for nursing facility level of care was estimated at \$3,731. For those who received personal care and cash grants in an RCF, the estimated annual cost per recipient was \$4,365. For a nursing facility resident, the average annual cost was estimated at \$31,765, after adusting for the Federal Reimbursement Allowance. Nursing facility average costs were determined by dividing total expenditures by the average monthly number of recipients; RCF and home & community average costs were determined by dividing total expenditures by total recipients.

Average Annual Cost Per Recipient



Notes: The nursing facility estimate includes costs for some residents who did not have an MCO screening; it also has been adjusted to exclude the Federal Reimbursement Allowance.

The RCF cost includes cash grants.

The methodology used to determine average costs in this report differs from that used in previous fiscal year reports.

Referrals, Screenings and Outcomes

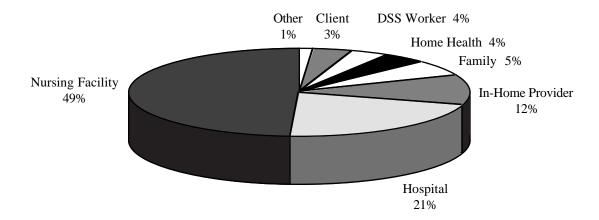
Screenings are required for persons entering nursing facilities who are Medicaid eligible or potentially Medicaid eligible. In fiscal year 1998, almost 24,000 referrals were made to the Central Registry Unit (CRU). Because of an immediate need for nursing facility care, the CRU completed the screenings for 2,746 referrals; Division of Aging social workers screened the remaining referrals.

	MCO Referrals											
	Received at the CRU	Screened by the CRU	Screened by DA Field Staff									
FY 1994	16,340	4,353	11,987									
FY 1995	18,063	4,791	13,272									
FY 1996	19,603	4,359	15,244									
FY 1997	21,753	3,650	18,103									
FY 1998	23,970	2,746	21,224									

Notes: The number of referrals does not necessarily correlate to the number of persons since a person can be referred more than once during a fiscal year. The decline in the number of referrals screened by the CRU from FY 1996 to FY 1997 is a result of policy changes regarding post admission screening.

In fiscal year 1998, the major sources of referrals were nursing facilities, hospitals and in-home care providers. The proportions of referrals by source have remained relatively constant the last several years.

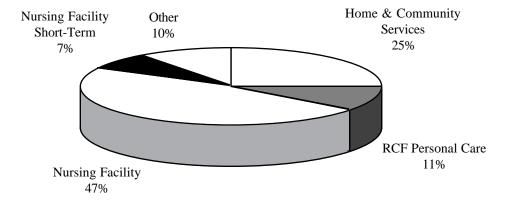
FY 1998 Referral Sources



MCO Referrals by Source										
<u>Source</u>	<u>FY 1994</u>	<u>FY 1995</u>	FY 1996	<u>FY 1997</u>	<u>FY 1998</u>					
Nursing Home	8,593	8,389	9,554	10,677	11,801					
Hospital	5,447	5,156	4,709	4,667	5,043					
In-Home Provider	198	2,452	2,287	2,911	2,768					
Family	624	623	722	1,055	1,272					
Home Health/Hospice	441	376	458	797	1,001					
DSS Worker	770	811	1,134	595	920					
Client	92	172	288	733	834					
Mental Health	24	16	15	40	54					
Other Health Care	10	15	12	39	41					
Other	141	140	424	238	236					
TOTAL	16,340	18,150	19,603	21,752	23,970					

During fiscal year 1998, almost half of the persons referred for screening chose or required nursing facility care; another seven percent entered a nursing facility on a short-term basis. Over one-third of those referred chose home & community services or personal care in an RCF. Ten percent did not receive MCO services. (See Appendix, pages 18-21, for outcome information by county and region.)

FY 1998 Screening Outcomes



Medicaid Long-Term Care

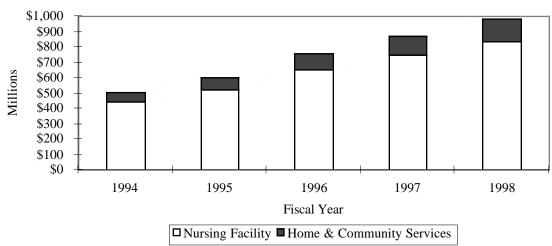
Medicaid long-term care reimbursements have been increasing at a declining rate since fiscal year 1996. Total costs increased 12.5 percent in fiscal year 1998, down from the 16 percent and 25 percent increases in fiscal years 1997 and 1996, respectively. As more people have chosen alternatives to nursing facility long-term care, the proportion of long-term care dollars spent on home & community services has increased two and one-half percent since fiscal year 1994.

Medicaid reimbursement for long-term care includes payments for Division of Aging Home & Community Services clients as well as persons not screened by the Division of Aging. Also, not all clients were screened through the MCO program because of becoming clients prior to the program's inception. Therefore, the numbers in the table below represent MCO and non-MCO clients.

	Medicaid Long-Term Care Reimbursements										
	Home & Community Service Costs*	% of <u>Total</u>	Nursing Facility <u>Costs**</u>	% of <u>Total</u>	Total <u>Costs</u>						
FY 1994	\$60,304,592	12.0%	\$442,282,097	88.0%	\$502,586,689						
FY 1995	\$84,645,143	14.0%	\$519,126,439	86.0%	\$603,771,582						
FY 1996	\$102,979,238	13.7%	\$649,708,366	86.3%	\$752,687,604						
FY 1997	\$121,883,531	14.0%	\$749,654,599	86.0%	\$871,538,130						
FY 1998	\$142,395,340	14.5%	\$838,051,273	85.5%	\$980,446,613						

^{*} Includes RCF Medicaid costs but not general revenue cash grants.

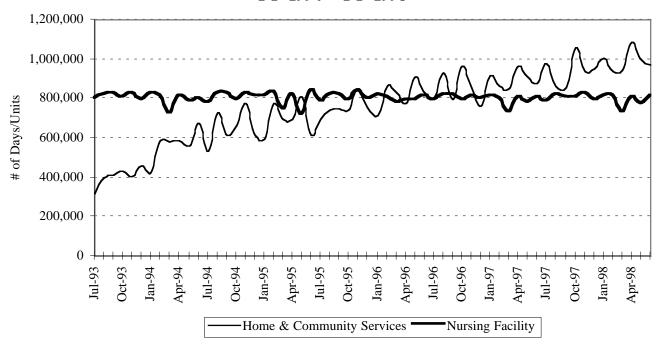
Medicaid Long-Term Care Costs



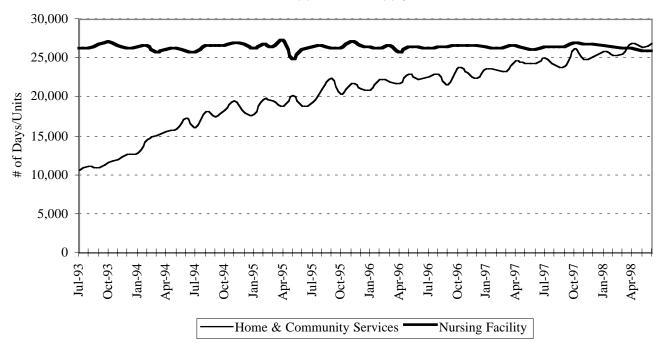
^{**} Adjusted for the Federal Reimbursement Allowance for fiscal years 1995 through 1998.

The number of Medicaid nursing facility reimbursed days and the number of Medicaid nursing facility residents has remained steady over the past five years while home & community services has seen continual increases. For fiscal year 1998, the monthly number of nursing facility residents averaged 26,383; home & community service clients averaged 25,539 per month.

Medicaid Reimbursed Days/Units by Month FY 1994 - FY 1998



Medicaid Recipients by Month FY 1994 - FY 1998



Note: Data obtained from Table 5, Monthly Management Report, DSS Research & Evaluation.

APPENDIX

Missouri Division of Aging Home & Community Services Regions

Anne Deaton, Deputy Director Home & Community Services P.O. Box 1337 615 Howerton Court Jefferson City, MO 65102 573/751-3082 (FAX) 573/751-8687

For a map of the regions, please contact the Division of Aging.

REGION 1-10

Richard Meier Division of Aging 149 Park Central Square Springfield, MO 65806 417/895-6456 (FAX) 417/895-1341

REGION 2

David Morgan
Division of Aging
130 South Frederick
P.O. Box 189
Cape Girardeau, MO 63701
573/472-5233
(FAX) 573/472-5237

REGION 3-7

Kathie Moore Division of Aging Suite 405, State Office Bldg. 615 East 13th St. Kansas City, MO 64106 816/889-3100 (FAX) 816/889-2004

REGION 4

Steve Hurt Division of Aging 525 Jules St., Room 319 St. Joseph, MO 64501 816/387-2100 (FAX) 816/387-2110

REGION 5-6

Barbara Potter Division of Aging Parkade Center, #217 Columbia, MO 65203 573/882-9474 (FAX) 573/884-4884

REGION 8-9

Mike Nickel Division of Aging Wainwright Building 111 North 7th St., 4th Floor St. Louis, MO 63101 314/340-7300 (FAX) 314/340-3415

Referrals by County for Fiscal Year 1998

	County	Medicaid 18+	Eligibles* % 60+	% 60+ in NF**	Referrals Received	Screened by CRU***	% of Referrals	Screened by Field Staff	
REGION 1	BARRY	1,668	41.7%	4.7%	115	17	14.8%	98	85.2%
	CHRISTIAN	1,492	39.5%	5.9%	155	21	13.5%	134	86.5%
	DADE	446	53.1%	9.6%	65	12	18.5%	53	81.5%
	DALLAS	837	45.0%	3.8%	82	4	4.9%	78	95.1%
	DOUGLAS	987	45.3%	3.7%	49	1	2.0%	48	98.0%
	GREENE HOWELL	9,244 2,752	34.6% 44.6%	5.5% 6.6%	1,214 428	129 24	10.6% 5.6%	1,085 404	89.4% 94.4%
	LAWRENCE	1,603	44.0%	4.6%	428 168	38	22.6%	130	77.4%
	OREGON	971	42.9% 47.7%	4.0%	128	8	6.3%	120	93.8%
	OZARK	773	44.6%	3.7%	40	4	10.0%	36	90.0%
	POLK	1,253	44.5%	6.0%	131	29	22.1%	102	77.9%
	SHANNON	751	42.9%	3.3%	46	1	2.2%	45	97.8%
	STONE	1,050	37.6%	2.7%	69	5	7.2%	64	92.8%
	TANEY	1,276	40.3%	3.2%	129	15	11.6%	114	88.4%
	TEXAS	1,601	42.7%	3.9%	101	17	16.8%	84	83.2%
	WEBSTER	1,208	45.6%	4.4%	91	11	12.1%	80	87.9%
	WRIGHT	1,544	44.6%	4.2%	100	6	6.0%	94	94.0%
	* REGION 1 TOTAL *	29,456	40.7%	4.9%	3,111	342	11.0%	2,769	89.0%
REGION 2	BOLLINGER	711	46.3%	3.7%	84	3	3.6%	81	96.4%
	BUTLER	3,651	42.8%	5.1%	361	28	7.8%	333	92.2%
	CAPE GIRARDEAU	2,673	39.8%	6.1%	400	43	10.8%	357	89.3%
	CARTER	647	42.0%	3.5%	44	3	6.8%	41	93.2%
	DUNKLIN	4,526	44.9%	6.6%	377	13	3.4%	364	96.6%
	IRON MADISON	1,027 947	43.5% 46.5%	12.8% 5.3%	85 107	5 17	5.9% 15.9%	80 90	94.1% 84.1%
	MISSISSIPPI	1,797	40.5%	7.0%	133	2	1.5%	131	98.5%
	NEW MADRID	2,254	51.6%	6.4%	171	2	1.2%	169	98.8%
	PEMISCOT	3,089	42.8%	3.7%	339	2	0.6%	337	99.4%
	PERRY	758	46.4%	8.0%	72	15	20.8%	57	79.2%
	REYNOLDS	639	39.3%	4.0%	37	1	2.7%	36	97.3%
	RIPLEY	1,570	42.4%	3.7%	78	0	0.0%	78	100.0%
	ST FRANCOIS	3,757	33.5%	5.5%	475	44	9.3%	431	90.7%
	STE GENEVIEVE	639	38.7%	5.3%	62	14	22.6%	48	77.4%
	SCOTT	3,110	40.4%	5.0%	292	16	5.5%	276	94.5%
	STODDARD	2,258	50.4%	5.1%	251	8	3.2%	243	96.8%
	WAYNE	1,419	42.5%	3.7%	89	5	5.6%	84	94.4%
	* REGION 2 TOTAL *	35,472	40.1%	5.6%	3,457	221	6.4%	3,236	93.6%
REGION 3		788	46.4%	6.1%	70	12	17.1%	58	82.9%
	BENTON	1,026	41.1%	4.2%	145	8	5.5%	137	94.5%
	CARROLL	551	43.7%	3.7%	45	5	11.1%	40	88.9%
	CEDAR CHARITON	856 462	46.8% 62.3%	6.5% 5.2%	79 65	6 11	7.6% 16.9%	73 54	92.4% 83.1%
	HENRY	1,301	39.3%	5.2%	180	10	5.6%	170	94.4%
	HICKORY	607	44.8%	3.5%	67	10	1.5%	66	98.5%
	JOHNSON	1,323	33.5%	5.7%	160	7	4.4%	153	95.6%
	LAFAYETTE	1,263	37.1%	4.6%	141	19	13.5%	122	86.5%
	PETTIS	1,909	40.9%	2.2%	256	34	13.3%	222	86.7%
	ST CLAIR	625	47.5%	6.4%	73	13	17.8%	60	82.2%
	SALINE	1,496	39.3%	5.7%	234	59	25.2%	175	74.8%
	VERNON	1,281	38.3%	4.8%	120	26	21.7%	94	78.3%
	* REGION 3 TOTAL *	13,488	41.3%	4.8%	1,635	211	12.9%	1,424	87.1%
REGION 4	ANDREW	526	52.5%	8.1%	51	6	11.8%	45	88.2%
	ATCHISON	293	61.4%	7.7%	46	6	13.0%	40	87.0%
	BUCHANAN	4,365	33.9%	5.8%	463	58	12.5%	405	87.5%
	CALDWELL	404	45.5%	8.0%	65	8	12.3%	57	87.7%
	CLINTON	561	43.0%	8.8%	71	5	7.0%	66	93.0%
	DAVIESS	307	47.2%	5.0%	49	7	14.3%	42	85.7%
	DE KALB GENTRY	480	54.6% 55.8%	10.4% 10.0%	54 40	4	7.4% 12.5%	50 35	92.6% 87.5%
	GRUNDY	369 624	55.8% 52.7%	8.0%	40	5 7	12.5% 16.3%	35 36	87.5%
	HARRISON	500	52.7%	8.0% 6.9%	43 44	13	29.5%	30	70.5%
	HOLT	270	55.8% 60.7%	6.6%	36	2	29.3% 5.6%	34	94.4%
	LINN	743	54.0%	8.5%	97	9	9.3%	88	94.4%
	LIVINGSTON	785	50.2%	9.0%	90	10	11.1%	80	88.9%
	MERCER	197	61.9%	3.0%	22	2	9.1%	20	90.9%
								-	

Referrals by County for Fiscal Year 1998

PUTNAM		County	Medicaid 18+	Eligibles*	% 60+ in NF**	Referra Receive	als Screened by	% of Referrals	Screened by Field Staff	
PUTNAM 321 49,2% 2.4% 29 2 6.9% 27 39 30 30 30 30 30 30 30	-	NODAWAY	647	50.7%	5.6%	64	7	10.9%	57	89.1%
SULLIVAN 529 53.5% 8.7% 500 2 4.0% 48 95.										93.1%
**************************************		SULLIVAN	529	53.5%	8.7%			4.0%		96.0%
REGION 5 ADAIR		WORTH	134	54.5%	10.1%	10	3	30.0%	7	70.0%
CLARK 400 51.8% 54% 47 0 0.0% 47 100. KNOX 237 54.4% 5.2% 18 2 11.1% 59 81. LINGUIN 1.229 36.5% 51.1% 122 20 16.4% 59 81. LINGUIN 1.229 36.5% 51.1% 122 20 16.4% 160 88. MACON 749 53.1% 72.9% 74 8 10.3% 66 89. MARION 1.727 40.9% 7.4% 212 33 15.6% 169 89. MARION 1.727 40.9% 7.4% 212 33 15.6% 169 89. MONROE 394 57.4% 7.2% 45 5 11.1% 40 88. MONROE 394 57.4% 7.2% 45 5 11.1% 40 88. MONROE 394 57.4% 7.2% 45 5 11.1% 40 88. MONROE 394 57.4% 7.2% 45 15 11.1% 18 88 88. RALLS 361 42.9% 30.0% 23 44 17.4% 19 82. RANDOLPH 1.339 43.2% 6.5% 148 11 7.4% 177 92. SCHUYLER 267 54.7% 50.0% 27 3 11.11% 88 88. SCOTLAND 325 59.7% 87% 62 0 0.0% 62 100. SHELBY 358 57.3% 92.2% 43 6 14.0% 37 86. WARREN 461 37.4% 18.8% 42 7 16.7% 15.5 83. **REGION 5 AUDRAIN 11.083 37.5% 7.3% 22.% 43 6 14.0% 37 86. WARREN 461 37.4% 18.8% 42 7 16.7% 15.5 83. **REGION 5 AUDRAIN 11.083 37.5% 7.3% 81 4 4 4.9% 17 95. CALLAWAY 1.373 34.3% 51.1% 107 4 3.7% 103 95. CALLAWAY 1.373 34.3% 51.1% 107 4 3.7% 103 95. COOPER 6.39.30 35.8% 7.7% 256 29 11.3% 27.7 85. GANDORD 1.1275 39.0% 4.8% 144 111 7.5% 133 95.5 COOPER 1.144 43.1 10.5% 133 95.5 COOPER 1.144 43.1 1.145 13.3% 27.7 88. GASCONADE 576 54.7% 52.5% 62.9 91.1.3% 27.7 88. GASCONADE 576 54.7% 52.8% 144 111 7.5% 133 95.5 COOPER 6.2% 47.8% 13.1 11.3% 13.3 8.5 1.1% 10.5 11.1 10.5% 13.3 8.5 1.1 11.1 10.5% 13.3 8.5 1.1 11.1 10.5 10.5 11.1 10.5 1		* REGION 4 TOTAL *	12,055	45.6%	7.1%	1,324	156	11.8%	1,168	88.2%
RNOK	REGION 5		1,088							87.5%
LEWIS										100.0%
LINCOLN 1,229 36,5% 5,1% 122 20 16,4% 102 83. MACON 749 \$3,1% 7,2% 74 8 10.8% 66 89. MARION 1,727 40,9% 7,4% 212 33 15,6% 179 84. MONTGOMERY 595 53,6% 8,7% 46 99 19,6% 37 80. PIKE 863 49,9% 7,2% 46 99 11 111,1% 88 88. RAILS 361 42,9% 3,0% 23 4 17,4% 137 92. SCHUYLER 1,25% 54,7% 5,6% 27 3 11,1% 24 88. SCOTLAND 325 59,7% 8,7% 46 10 0.00 62 100. SCHUYLER 267 54,7% 5,6% 27 3 11,1% 24 88. SCOTLAND 325 59,7% 8,7% 46 0.0 0.0 0.0 62 100. SHELBY 358 57,3% 9,2% 43 3 6 140,6% 37 86. WARREN 41,10 40 46,7% 1,256 114 112,3% 1,102 87. REGION 6 AUDRAIN 1,083 37,5% 7,3% 81 4 4,9% 7,7 95. BOONE 3,90 26,6% 7,2% 444 77 17,3% 36,7 85. CALLAWAY 1,373 34,3% 5,1% 107 4 3,7% 103 96. CALLAWAY 1,373 34,3% 5,1% 107 4 3,7% 103 96. CAMDEN 1,147 40,2% 2,3% 105 111 10,5% 94 89. COLE 1,890 33,3% 7,7% 256 29 11,3% 20,7 88. COOPER 638 50,2% 50,2% 678 14 11,7,6% 133 92. CRAWFORD 1,275 39,9% 4,8% 144 11 7,6% 133 92. CRAWFORD 1,275 39,9% 4,8% 144 11 7,6% 133 92. CRAWFORD 1,275 39,9% 4,8% 144 11 7,6% 133 92. CRAWFORD 1,275 39,9% 4,8% 144 11 7,6% 133 92. CRAWFORD 1,275 39,9% 4,8% 144 11 7,6% 133 92. CRAWFORD 1,275 39,9% 4,8% 144 11 7,6% 133 92. CRAWFORD 1,275 39,9% 4,8% 144 11 7,6% 133 92. CRAWFORD 1,275 39,9% 4,8% 144 11 7,6% 133 92. MARIES 429 47,6% 6,2% 87 29 33,3% 58 66 095. CRAWFORD 1,275 39,9% 4,8% 144 11 7,6% 133 92. MILLER 1,197 42,5% 5,0% 6,2% 87 29 33,3% 58 66 095. MONITEAU 421 61,8% 52,6% 4,1% 34 3,8 8,31 91. LACLEDE 1,683 41,6% 3,1% 142 13 9,2% 12,1% 3,38 39. MILLER 1,197 42,5% 5,9% 50 6 12,0% 44 8. MORGAN 960 44,7% 3,7% 127 11 8,7% 110 11 195. WASHINGTON 2,198 31,8% 3,1% 113 12 10,00% 101 199. WASHINGTON 2,198 31,8% 3,1% 113 12 10,00% 101 199. WASHINGTON 2,198 31,8% 3,1% 113 12 10,00% 101 199. WASHINGTON 2,198 31,8% 3,1% 113 11 12 10,00% 101 199. WASHINGTON 2,198 31,8% 3,1% 113 172 11,6% 20,00 30,00 30,00 44,8% 517 60 11,6% 101 199. WASHINGTON 2,198 31,8% 3,1% 113 11 12 11,6% 20,00 30,00 30,00 44,8% 517 60 11,6% 101 199. WASHINGTON 2,198 31,8% 3,1% 5,1% 50 9 1,2% 50 9 1,2% 50 9 1,2% 50 9 1,2% 50 9 1,2% 50 9 1,2% 50 9 1,2% 50 9 1,2% 50 9										88.9%
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CRAWFORD										95.2%
DENT										92.4%
GASCONADE 576 54.7% 6.2% 87 29 33.3% 58 66. HOWARD 458 52.6% 4.1% 34 3 8.8% 31 91. LACLEDE 1.683 41.6% 3.1% 142 13 92.9% 129 990. MARIES 429 47.6% 4.8% 34 3 8.8% 31 91. MILLER 1.197 42.5% 4.3% 72 5 6.9% 67 93. MONITEAU 421 61.8% 5.9% 50 6 120.0% 44 88. MORGAN 960 44.7% 3.7% 127 11 8.7% 116 91. OSAGE 341 59.5% 2.4% 48 9 18.8% 39 81. PHELPS 1.851 38.6% 7.2% 131 14 10.7% 117 89. PULASKI 1,378 38.0% 4.5% 109 5 4.6% 104 95. WASHINGTON 2.198 31.8% 31.1% 113 12 10.6% 104 95. WASHINGTON 2.198 31.8% 3.1% 113 12 10.6% 104 95. REGION 6 TOTAL* 23,872 37.9% 5.4% 2,225 250 11.2% 1.975 88.4 REGION 7 CASS 1.831 39.2% 5.3% 223 32 14.3% 191 85. CLAY 3.197 41.7% 4.8% 517 60 11.6% 457 88. JACKSON 29.379 28.1% 4.4% 2.714 329 12.1% 2.385 87. PLATTE 946 41.6% 6.0% 118 9 7.6% 109 92. RAY 6.93 42.1% 5.6% 77 12 15.6% 65 84. *REGION 7 TOTAL* 36,046 30.5% 4.6% 3.649 442 12.1% 3.207 87.4 REGION 8 FRANKLIN 2.720 39.5% 4.6% 3.649 442 12.1% 3.207 87.4 REGION 5 TOTAL* 38,482 34.4% 4.6% 4.113 715 17.4% 3.307 87.5 REGION 9 FLANTE 946 41.6% 5.8% 552 82 14.9% 470 85. ST CHARLES 3.977 32.3% 5.5% 369 77 12 15.6% 65 84. ST CHARLES 3.977 32.3% 5.5% 369 77 19.8% 2.96 80. ST CLOUIS COUNTY 26.664 34.4% 4.4% 2.903 499 17.2% 2.409 82. *REGION 8 TOTAL* 38,482 34.4% 4.6% 4.113 715 17.4% 3.398 82.4 REGION 9 ST LOUIS COUNTY 26.664 34.4% 4.4% 2.903 499 17.2% 2.409 82. *REGION 8 TOTAL* 38,482 34.4% 4.6% 4.113 715 17.4% 3.398 82.4 REGION 9 ST LOUIS COUNTY 26.664 34.4% 4.4% 2.903 499 17.2% 2.409 82. *REGION 8 TOTAL* 38,482 34.4% 4.6% 4.113 715 17.4% 3.398 82.4 REGION 9 ST LOUIS COUNTY 26.664 34.4% 4.6% 4.113 715 17.4% 3.398 82.4 REGION 9 ST LOUIS COUNTY 39,335 25.2% 4.1% 2.403 206 8.6% 2.197 91.4 REGION 10 BARTON 596 42.1% 3.4% 466 0 1.0 0.0% 46 1.0 0.0% 46 1.0 0.0 4 1.0 0.0 0.0 4 1.0 0.0 4 1.0 0.0 4 1.0 0.0 4 1.0 0.0 4 1.0 0.0 4 1.0 0.0										98.7%
HOWARD										66.7%
LACLEDE										91.2%
MARIES										90.8%
MILLER										91.2%
MONITEAU										93.1%
MORGAN 960 44.7% 3.7% 127 11 8.7% 116 91. OSAGE 341 59.5% 2.4% 48 9 18.8% 39 81. PHELPS 1.851 38.6% 7.2% 131 14 10.7% 117 89. PULASKI 1.378 38.0% 4.5% 109 5 4.6% 104 95. WASHINGTON 2.198 31.8% 3.1% 113 12 10.6% 101 89. *REGION 6 TOTAL* 23.872 37.9% 5.4% 2.225 250 11.2% 1.975 88.8 REGION 7 CASS 1.831 39.2% 5.3% 223 32 14.3% 191 85. CLAY 3.197 41.7% 4.8% 517 60 11.6% 457 88. JACKSON 29,379 28.1% 4.4% 2.714 329 12.1% 2.385 87. PLATTE 946 41.6% 6.0% 118 9 7.6% 109 92. RAY 693 42.1% 5.6% 77 12 15.6% 65 84. *REGION 7 TOTAL* 36.046 30.5% 4.6% 3.649 442 12.1% 3.207 87.2 REGION 8 FRANKLIN 2.720 39.5% 4.8% 292 69 23.6% 223 76. JEFFERSON 5.121 33.6% 5.8% 552 82 14.9% 470 85. ST CHARLES 3.977 32.3% 5.5% 369 73 19.8% 296 80. ST LOUIS COUNTY 26.664 34.4% 4.4% 2.908 499 17.2% 2.409 82. *REGION 8 TOTAL* 38.482 34.4% 4.6% 4.113 715 17.4% 3.398 82.4 REGION 9 ST LOUIS CITY 39,335 25.2% 4.1% 2.403 206 8.6% 2.197 91.4 REGION 10 BARTON 596 42.1% 3.4% 46 0 0.0% 46 100. JASPER 5.522 37.0% 3.3% 469 28 6.0% 441 94. MCDONALD 1.318 36.3% 3.2% 60 1 1.7% 59 98. NEWTON 2.081 46.9% 4.5% 222 20 9.0% 202 91. *REGION 10 TOTAL* 9,517 39.4% 3.6% 797 49 6.1% 748 93.5										88.0%
OSAGE										91.3%
PHELPS										81.3%
PULASKI 1,378 38.0% 4.5% 109 5 4.6% 104 95. WASHINGTON 2,198 31.8% 3.1% 113 12 10.6% 101 89. * REGION 6 TOTAL* 23,872 37.9% 5.4% 2,225 250 11.2% 1,975 88.8 REGION 7 CASS 1,831 39.2% 5.3% 223 32 14.3% 191 85. CLAY 3,197 41.7% 4.8% 517 60 11.6% 457 88. JACKSON 29,379 28.1% 4.4% 2,714 329 12.1% 2,385 87. PLATTE 946 41.6% 6.0% 118 9 7.6% 109 92. RAY 693 42.1% 5.6% 77 12 15.6% 65 84. * REGION 7 TOTAL* 36,046 30.5% 4.6% 3,649 442 12.1% 3,207 87.5 REGION 8 FRAN										89.3%
WASHINGTON 2,198 31.8% 3.1% 113 12 10.6% 101 89. * REGION 6 TOTAL* 23,872 37.9% 5.4% 2,225 250 11.2% 1,975 88. REGION 7 CASS 1,831 39.2% 5.3% 223 32 14.3% 191 85. CLAY 3,197 41.7% 4.8% 517 60 11.6% 457 88. JACKSON 29,379 28.1% 4.4% 2,714 329 12.1% 2,385 87. PLATTE 946 41.6% 6.0% 118 9 7.6% 109 92. RAY 693 42.1% 5.6% 77 12 15.6% 65 84. * REGION 7 TOTAL* 36,046 30.5% 4.6% 3,649 442 12.1% 3,207 87.5 REGION 8 FRANKLIN 2,720 39.5% 4.8% 292 69 23.6% 223 76. <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>95.4%</td></t<>										95.4%
**REGION 6 TOTAL * 23,872 37.9% 5.4% 2,225 250 11.2% 1,975 88.8 REGION 7 CASS 1,831 39.2% 5.3% 223 32 14.3% 191 85. CLAY 3,197 41.7% 4.8% 517 60 11.6% 457 88. JACKSON 29,379 28.1% 4.4% 2,714 329 12.1% 2,385 87. PLATTE 946 41.6% 6.0% 118 9 7.6% 109 92. RAY 693 42.1% 5.6% 77 12 15.6% 65 84. * REGION 7 TOTAL * 36,046 30.5% 4.6% 3,649 442 12.1% 3,207 87.9 REGION 8 FRANKLIN 2,720 39.5% 4.8% 292 69 23.6% 223 76. JEFFERSON 5,121 33.6% 5.8% 552 82 14.9% 470 85.		WASHINGTON								89.4%
REGION 7 CASS CLAY 1,831 39.2% 5.3% 223 32 14.3% 191 85. CLAY 3,197 41.7% 4.8% 517 60 11.6% 457 88. JACKSON 29,379 28.1% 4.4% 2,714 329 12.1% 2,385 87. PLATTE 946 41.6% 6.0% 118 9 7.6% 109 92. RAY 693 42.1% 5.6% 77 12 15.6% 65 84. * REGION 7 TOTAL * 36,046 30.5% 4.6% 3,649 442 12.1% 3,207 87.9 REGION 8 FRANKLIN 2,720 39.5% 4.8% 292 69 23.6% 223 76. JEFFERSON 5,121 33.6% 5.8% 552 82 14.9% 470 85. ST CHARLES 3,977 32.3% 5.5% 369 73 19.8% 296 80. ST LOUIS C							250			88.8%
JACKSON 29,379 28.1% 4.4% 2,714 329 12.1% 2,385 87. PLATTE 946 41.6% 6.0% 118 9 7.6% 109 92. RAY 693 42.1% 5.6% 77 12 15.6% 65 84. * REGION 7 TOTAL* 36,046 30.5% 4.6% 3,649 442 12.1% 3,207 87.9 REGION 8 FRANKLIN 2,720 39.5% 4.8% 292 69 23.6% 223 76. JEFFERSON 5,121 33.6% 5.8% 552 82 14.9% 470 85. ST CHARLES 3,977 32.3% 5.5% 369 73 19.8% 296 80. ST LOUIS COUNTY 26,664 34.4% 4.4% 2,908 499 17.2% 2,409 82. * REGION 8 TOTAL* 38,482 34.4% 4.6% 4,113 715 17.4% 3,398 82.6 REGION 10 BARTON 596 42.1% 3.4% 46 0 0.0% 46	REGION 7	CASS	1,831	39.2%						85.7%
JACKSON 29,379 28.1% 4.4% 2,714 329 12.1% 2,385 87. PLATTE 946 41.6% 6.0% 118 9 7.6% 109 92. RAY 693 42.1% 5.6% 77 12 15.6% 65 84. * REGION 7 TOTAL* 36,046 30.5% 4.6% 3,649 442 12.1% 3,207 87.9 REGION 8 FRANKLIN 2,720 39.5% 4.8% 292 69 23.6% 223 76. JEFFERSON 5,121 33.6% 5.8% 552 82 14.9% 470 85. ST CHARLES 3,977 32.3% 5.5% 369 73 19.8% 296 80. ST LOUIS COUNTY 26,664 34.4% 4.4% 2,908 499 17.2% 2,409 82. * REGION 8 TOTAL* 38,482 34.4% 4.6% 4,113 715 17.4% 3,398 82.6 REGION 10 BARTON 596 42.1% 3.4% 46 0 0.0% 46		CLAY	3,197	41.7%	4.8%	517	60	11.6%	457	88.4%
RAY 693 42.1% 5.6% 77 12 15.6% 65 84. * REGION 7 TOTAL* 36,046 30.5% 4.6% 3,649 442 12.1% 3,207 87.5 REGION 8 FRANKLIN 2,720 39.5% 4.8% 292 69 23.6% 223 76. JEFFERSON 5,121 33.6% 5.8% 552 82 14.9% 470 85. ST CHARLES 3,977 32.3% 5.5% 369 73 19.8% 296 80. ST LOUIS COUNTY 26,664 34.4% 4.4% 2,908 499 17.2% 2,409 82. * REGION 8 TOTAL* 38,482 34.4% 4.6% 4,113 715 17.4% 3,398 82.4 REGION 9 ST LOUIS CITY 39,335 25.2% 4.1% 2,403 206 8.6% 2,197 91.4 REGION 10 BARTON 596 42.1% 3.4% 46 0 0.0% 46 100.		JACKSON								87.9%
*REGION 7 TOTAL * 36,046 30.5% 4.6% 3,649 442 12.1% 3,207 87.5 REGION 8 FRANKLIN 2,720 39.5% 4.8% 292 69 23.6% 223 76. JEFFERSON 5,121 33.6% 5.8% 552 82 14.9% 470 85. ST CHARLES 3,977 32.3% 5.5% 369 73 19.8% 296 80. ST LOUIS COUNTY 26,664 34.4% 4.4% 2,908 499 17.2% 2,409 82. * REGION 8 TOTAL * 38,482 34.4% 4.6% 4,113 715 17.4% 3,398 82.4 REGION 9 ST LOUIS CITY 39,335 25.2% 4.1% 2,403 206 8.6% 2,197 91.4 REGION 10 BARTON 596 42.1% 3.4% 46 0 0.0% 46 100. JASPER 5,522 37.0% 3.3% 469 28 6.0% 441 94. <		PLATTE	946	41.6%	6.0%	118	9	7.6%	109	92.4%
REGION 8 FRANKLIN 2,720 39.5% 4.8% 292 69 23.6% 223 76. JEFFERSON 5,121 33.6% 5.8% 552 82 14.9% 470 85. ST CHARLES 3,977 32.3% 5.5% 369 73 19.8% 296 80. ST LOUIS COUNTY 26,664 34.4% 4.4% 2,908 499 17.2% 2,409 82. * REGION 8 TOTAL* 38,482 34.4% 4.6% 4,113 715 17.4% 3,398 82. REGION 9 ST LOUIS CITY 39,335 25.2% 4.1% 2,403 206 8.6% 2,197 91. REGION 10 BARTON 596 42.1% 3.4% 46 0 0.0% 46 100. JASPER 5,522 37.0% 3.3% 469 28 6.0% 441 94. MCDONALD 1,318 36.3% 3.2% 60 1 1.7% 59 98.		RAY	693	42.1%	5.6%	77	12	15.6%	65	84.4%
REGION 8 FRANKLIN 2,720 39.5% 4.8% 292 69 23.6% 223 76. JEFFERSON 5,121 33.6% 5.8% 552 82 14.9% 470 85. ST CHARLES 3,977 32.3% 5.5% 369 73 19.8% 296 80. ST LOUIS COUNTY 26,664 34.4% 4.4% 2,908 499 17.2% 2,409 82. * REGION 8 TOTAL* 38,482 34.4% 4.6% 4,113 715 17.4% 3,398 82. REGION 9 ST LOUIS CITY 39,335 25.2% 4.1% 2,403 206 8.6% 2,197 91. REGION 10 BARTON 596 42.1% 3.4% 46 0 0.0% 46 100. JASPER 5,522 37.0% 3.3% 469 28 6.0% 441 94. MCDONALD 1,318 36.3% 3.2% 60 1 1.7% 59 98.		* REGION 7 TOTAL *	36,046	30.5%	4.6%	3,649	442	12.1%	3,207	87.9%
ST CHARLES 3,977 32.3% 5.5% 369 73 19.8% 296 80. ST LOUIS COUNTY 26,664 34.4% 4.4% 2,908 499 17.2% 2,409 82. * REGION 8 TOTAL* 38,482 34.4% 4.6% 4,113 715 17.4% 3,398 82. REGION 9 ST LOUIS CITY 39,335 25.2% 4.1% 2,403 206 8.6% 2,197 91. REGION 10 BARTON 596 42.1% 3.4% 46 0 0.0% 46 100. JASPER 5,522 37.0% 3.3% 469 28 6.0% 441 94. MCDONALD 1,318 36.3% 3.2% 60 1 1.7% 59 98. NEWTON 2,081 46.9% 4.5% 222 20 9.0% 202 91. * REGION 10 TOTAL * 9,517 39.4% 3.6% 797 49 6.1% 748 93.5	REGION 8		2,720	39.5%	4.8%	292	69	23.6%	223	76.4%
ST LOUIS COUNTY 26,664 34.4% 4.4% 2,908 499 17.2% 2,409 82. * REGION 8 TOTAL* 38,482 34.4% 4.6% 4,113 715 17.4% 3,398 82. REGION 9 ST LOUIS CITY 39,335 25.2% 4.1% 2,403 206 8.6% 2,197 91.4 REGION 10 BARTON 596 42.1% 3.4% 46 0 0.0% 46 100. JASPER 5,522 37.0% 3.3% 469 28 6.0% 441 94. MCDONALD 1,318 36.3% 3.2% 60 1 1.7% 59 98. NEWTON 2,081 46.9% 4.5% 222 20 9.0% 202 91. * REGION 10 TOTAL* 9,517 39.4% 3.6% 797 49 6.1% 748 93.5		JEFFERSON	5,121	33.6%	5.8%	552	82	14.9%	470	85.1%
*REGION 8 TOTAL * 38,482 34.4% 4.6% 4,113 715 17.4% 3,398 82.4 REGION 9 ST LOUIS CITY 39,335 25.2% 4.1% 2,403 206 8.6% 2,197 91.4 REGION 10 BARTON 596 42.1% 3.4% 46 0 0.0% 46 100. JASPER 5,522 37.0% 3.3% 469 28 6.0% 441 94. MCDONALD 1,318 36.3% 3.2% 60 1 1.7% 59 98. NEWTON 2,081 46.9% 4.5% 222 20 9.0% 202 91. *REGION 10 TOTAL * 9,517 39.4% 3.6% 797 49 6.1% 748 93.5		ST CHARLES	3,977	32.3%	5.5%	369	73	19.8%	296	80.2%
REGION 9 ST LOUIS CITY 39,335 25.2% 4.1% 2,403 206 8.6% 2,197 91.4 REGION 10 BARTON 596 42.1% 3.4% 46 0 0.0% 46 100. JASPER 5,522 37.0% 3.3% 469 28 6.0% 441 94. MCDONALD 1,318 36.3% 3.2% 60 1 1.7% 59 98. NEWTON 2,081 46.9% 4.5% 222 20 9.0% 202 91. * REGION 10 TOTAL * 9,517 39.4% 3.6% 797 49 6.1% 748 93.5		ST LOUIS COUNTY	26,664	34.4%	4.4%	2,908	499	17.2%	2,409	82.8%
REGION 10 BARTON 596 42.1% 3.4% 46 0 0.0% 46 100. JASPER 5,522 37.0% 3.3% 469 28 6.0% 441 94. MCDONALD 1,318 36.3% 3.2% 60 1 1.7% 59 98. NEWTON 2,081 46.9% 4.5% 222 20 9.0% 202 91. * REGION 10 TOTAL* 9,517 39.4% 3.6% 797 49 6.1% 748 93.5		* REGION 8 TOTAL *	38,482	34.4%	4.6%	4,113	715		3,398	82.6%
JASPER 5,522 37.0% 3.3% 469 28 6.0% 441 94. MCDONALD 1,318 36.3% 3.2% 60 1 1.7% 59 98. NEWTON 2,081 46.9% 4.5% 222 20 9.0% 202 91. * REGION 10 TOTAL * 9,517 39.4% 3.6% 797 49 6.1% 748 93.5	REGION 9	ST LOUIS CITY	39,335	25.2%	4.1%	2,403	206	8.6%	2,197	91.4%
MCDONALD 1,318 36.3% 3.2% 60 1 1.7% 59 98. NEWTON 2,081 46.9% 4.5% 222 20 9.0% 202 91. * REGION 10 TOTAL * 9,517 39.4% 3.6% 797 49 6.1% 748 93.9	REGION 10					46	0	0.0%		100.0%
NEWTON 2,081 46.9% 4.5% 222 20 9.0% 202 91. *REGION 10 TOTAL * 9,517 39.4% 3.6% 797 49 6.1% 748 93.5		JASPER	5,522	37.0%		469	28	6.0%		94.0%
* REGION 10 TOTAL * 9,517 39.4% 3.6% 797 49 6.1% 748 93.9		MCDONALD		36.3%		60	1			98.3%
· · · · · · · · · · · · · · · · · · ·		NEWTON		46.9%				9.0%		91.0%
STATE TOTAL 248,783 35.9% 5.0% 23,970 **** 2,746 11.5% 21,224 88.5										93.9%
		STATE TOTAL	248,783	35.9%	5.0%	23,970	**** 2,746	11.5%	21,224	88.5%

^{*} Medicaid eligibles based on the average monthly number of eligible individuals, ages 18 or older, issued Medicaid cards during FY 1998.

^{** % 60+} in a Nursing Facility (NF) based on 1990 Census data.

^{***} Division of Aging's Central Registry Unit (CRU) receives MCO referrals and screens those referrals of persons in immediate need of nursing facility care.

^{****} Referrals may include more than one referral per person.

Screening Outcomes by County for Fiscal Year 1998

		Total	Hor	ne Care	R	CF-PC	Nursir	ng Facility	NF-SI	hort Term	No Sei	vices/Other
	County	Referrals		%	#	%	#	%	#	%	#	%
REGION 1	BARRY	115	15	13.0%	7	6.1%	74	64.3%	3	2.6%	16	13.9%
	CHRISTIAN	155	7	4.5%	54	34.8%	66	42.6%	8	5.2%	20	12.9%
	DADE	65	28	43.1%	0	0.0%	30		3	4.6%	4	6.2%
	DALLAS	82	27	32.9%	8	9.8%	26	31.7%	13	15.9%	8	9.8%
	DOUGLAS	49	4	8.2%	13	26.5%		34.7%	11	22.4%	4	8.2%
	GREENE	1,214	288	23.7%	113	9.3%	599	49.3%	119	9.8%	95	7.8%
	HOWELL	428	210	49.1%	31	7.2%	126		31	7.2%	30	7.0%
	LAWRENCE OREGON	168 128	21 89	12.5% 69.5%	17 0	10.1% 0.0%	23	63.7% 18.0%	13 9	7.7% 7.0%	10 7	6.0% 5.5%
	OZARK	40	12	30.0%	5	12.5%	13		9	22.5%	1	2.5%
	POLK	131	21	16.0%	19	14.5%	68	51.9%	13	9.9%	10	7.6%
	SHANNON	46	22	47.8%	0	0.0%	20	43.5%	4	8.7%	0	0.0%
	STONE	69	7	10.1%	8	11.6%	45		4	5.8%	5	7.2%
	TANEY	129	20	15.5%	10	7.8%	77	59.7%	6	4.7%	16	12.4%
	TEXAS	101	10	9.9%	9	8.9%	66		9	8.9%	7	6.9%
	WEBSTER	91	30	33.0%	6	6.6%	42	46.2%	8	8.8%	5	5.5%
	WRIGHT	100	27	27.0%	3	3.0%	50		9	9.0%	11	11.0%
DEGEOVA.	* REGION 1 TOTAL *		838	26.9%	303	9.7%		46.6%	272	8.7%	249	8.0%
REGION 2	BOLLINGER	84	31	36.9%	15	17.9%			14	16.7%	11	13.1%
	BUTLER CARE CIRABDEAU	361	126	34.9%	48	13.3%	125	34.6%	36	10.0%	26	7.2%
	CAPE GIRARDEAU CARTER	401 44	102 14	25.4% 31.8%	55 14	13.7% 31.8%	184	45.9% 27.3%	19 3	4.7% 6.8%	41 1	10.2% 2.3%
	DUNKLIN	377	135	35.8%	12	3.2%		31.3%	88	23.3%	24	6.4%
	IRON	85	22	25.9%	25	29.4%	27	31.8%	3	3.5%	8	9.4%
	MADISON	107	35	32.7%	2	1.9%		48.6%	8	7.5%	10	9.3%
	MISSISSIPPI	133	70	52.6%	0	0.0%	50	37.6%	8	6.0%	5	3.8%
	NEW MADRID	171	82	48.0%	2	1.2%	54	31.6%	23	13.5%	10	5.8%
	PEMISCOT	339	219	64.6%	3	0.9%	56	16.5%	47	13.9%	14	4.1%
	PERRY	72	11	15.3%	7	9.7%	47	65.3%	2	2.8%	5	6.9%
	REYNOLDS	37	13	35.1%	5	13.5%	12		4	10.8%	3	8.1%
	RIPLEY	78	27	34.6%	9	11.5%	33	42.3%	2	2.6%	7	9.0%
	ST FRANCOIS	475	100	21.1%	129	27.2%	175	36.8%	23	4.8%	48	10.1%
	STE GENEVIEVE SCOTT	62 292	12 132	19.4% 45.2%	9 19	14.5% 6.5%	30 87	48.4% 29.8%	2 30	3.2% 10.3%	9 24	14.5% 8.6%
	STODDARD	251	93	37.1%	28	11.2%	72		32	10.3%	26	10.4%
	WAYNE	89	36	40.4%	7	7.9%		32.6%	13	14.6%	4	4.5%
	* REGION 2 TOTAL *		1,260	36.4%	389	11.2%		34.0%	357	10.3%	276	8.0%
REGION 3		70	19	27.1%	13	18.6%	28	40.0%	9	12.9%	1	1.4%
	BENTON	145	90	62.1%	3	2.1%	43	29.7%	1	0.7%	8	5.5%
	CARROLL	45	5	11.1%	0	0.0%	32	71.1%	7	15.6%	1	2.2%
	CEDAR	79	24	30.4%	8	10.1%	37	46.8%	7	8.9%	3	3.8%
	CHARITON	65	13	20.0%	3	4.6%	41	63.1%	7	10.8%	1	1.5%
	HENRY	180	65	36.1%	21	11.7%		35.0%	20	11.1%	11	6.1%
	HICKORY	67	28	41.8%	0	0.0%		35.8%		10.4%	8	11.9%
	JOHNSON	160	53	33.1%	15	9.4%		46.9%	8	5.0%	9	5.6%
	LAFAYETTE PETTIS	141 256	42	29.8% 40.2%	12 30	8.5% 11.7%		47.5% 37.9%	10 9	7.1% 3.5%	10	7.1% 6.6%
	ST CLAIR	73	103 31	42.5%	0	0.0%		50.7%	4	5.5%	17 1	1.4%
	SALINE	234	73	31.2%	28	12.0%		45.3%	13	5.6%	14	6.0%
	VERNON	120	13	10.8%	32	26.7%		49.2%	12	10.0%	4	3.3%
	* REGION 3 TOTAL *		559	34.2%	165	10.1%		43.4%	114	7.0%	88	5.4%
RE3GION 4		51	6	11.8%	7	13.7%	33	64.7%	4	7.8%	1	2.0%
	ATCHISON	46	15	32.6%	0	0.0%	27	58.7%	3	6.5%	1	2.2%
	BUCHANAN	463	66	14.3%	75	16.2%	208	44.9%	34	7.3%	80	17.3%
	CALDWELL	65	16	24.6%	9	13.8%		52.3%	0	0.0%	6	9.2%
	CLINTON	71	12	16.9%	4	5.6%		53.5%	7	9.9%	10	14.1%
	DAVIESS	49	15	30.6%	4	8.2%	12		7	14.3%	11	22.4%
	DE KALB	54	13	24.1%	6	11.1%		48.1%	3	5.6%	6	11.1%
	GENTRY	40	3	7.5%	3	7.5%	24	60.0%	5	12.5%	5	12.5%
	GRUNDY	43	14	32.6% 2.3%	2	4.7%	21	48.8%	6 7	14.0% 15.9%	0	0.0%
	HARRISON HOLT	44 36	1 17	2.3% 47.2%	3	6.8% 0.0%	30 9		10	15.9% 27.8%	3	6.8% 0.0%
	LINN	97	23	23.7%	4	4.1%	29		32	33.0%	9	9.3%
	LIVINGSTON	90	12	13.3%	8	8.9%	54		14	15.6%	2	2.2%
	MERCER	22	9	40.9%	2	9.1%		27.3%	4	18.2%	1	4.5%
	<u>-</u>											

Screening Outcomes by County for Fiscal Year 1997

		Total	Hon	ne Care	RO	CF-PC	Nursii	ng Facility	NF-SI	hort Term	No Se	rvices/Other
	County	Referrals		%	#	%	#	%	#	%	#	%
	NODAWAY	64	9	14.1%	11	17.2%	22	34.4%	15	23.4%	7	10.9%
	PUTNAM	29	8	27.6%	3	10.3%	8	27.6%	7	24.1%	3	10.3%
	SULLIVAN	50	14	28.0%	5	10.0%	12	24.0%	17	34.0%	2	4.0%
	WORTH	10	0	0.0%	1	10.0%	8	80.0%	1	10.0%	0	0.0%
	* REGION 4 TOTAL *	1,324	253	19.1%	147	11.1%	601	45.4%	176	13.3%	147	11.1%
REGION 5	ADAIR	176	70	39.8%	30	17.0%	54	30.7%	9	5.1%	13	7.4%
	CLARK	47	30	63.8%	1	2.1%	8	17.0%	4	8.5%	4	8.5%
	KNOX	18	2	11.1%	1	5.6%	6	33.3%	8	44.4%	1	5.6%
	LEWIS	72	21	29.2%	0	0.0%	38	52.8%	10	13.9%	3	4.2%
	LINCOLN	122	11	9.0%	20	16.4%	67	54.9%	18	14.8%	6	4.9%
	MACON	74	18	24.3%	0	0.0%	39	52.7%	11	14.9%	6	8.1%
	MARION	212	20	9.4%	22	10.4%	114	53.8%	40	18.9%	16	7.5%
	MONROE	45	12	26.7%	10	22.2%	21	46.7%	1	2.2%	1	2.2%
	MONTGOMERY	46	2	4.3%	3	6.5%	34	73.9%	3	6.5%	4	8.7%
	PIKE	99	11	11.1%	4	4.0%	63		15	15.2%	6	6.1%
	RALLS	23	2	8.7%	0	0.0%	17	73.9%	3	13.0%	1	4.3%
	RANDOLPH	148	34	23.0%	18	12.2%	77	52.0%	12	8.1%	7	4.7%
	SCHUYLER	27	13	48.1%	0	0.0%	9	33.3%	5	18.5%	0	0.0%
	SCOTLAND	62	27	43.5%	9	14.5%	11	17.7%	11	17.7%	4	6.5%
	SHELBY	43	14	32.6%	2	4.7%	18	41.9%	7	16.3%	2	4.7%
	WARREN	43	4	9.5%	2	4.7%	30		3	7.1%	3	4.7% 7.1%
	* REGION 5 TOTAL *	1,256	291	9.5% 23.2%	122	4.8% 9.7%		48.2%	160	12.7%	ა 77	6.1%
REGION 6		81	291	25.9%	7	8.6%	39	48.1%	100	12.7%	4	4.9%
REGIONU												
	BOONE	444	74	16.7%	51	11.5%	225	50.7%	32	7.2%	62	14.0%
	CALLAWAY	107	10	9.3%	27	25.2%	50		10	9.3%	10	9.3%
	CAMDEN	105	23	21.9%	3	2.9%	55	52.4%	16	15.2%	8	7.6%
	COLE	256	48	18.8%	45	17.6%	112	43.8%	25	9.8%	26	10.2%
	COOPER	63	4	6.3%	4	6.3%		71.4%	4	6.3%	6	9.5%
	CRAWFORD	144	15	10.4%	25	17.4%	76		15	10.4%	13	9.0%
	DENT	78	20	25.6%	16	20.5%		33.3%	10	12.8%	6	7.7%
	GASCONADE	87	9	10.3%	2	2.3%	65	74.7%	5	5.7%	6	6.9%
	HOWARD	34	4	11.8%	12	35.3%		35.3%	5	14.7%	1	2.9%
	LACLEDE	142	31	21.8%	24	16.9%	60		17	12.0%	10	7.0%
	MARIES	34	8	23.5%	0	0.0%	21	61.8%	3	8.8%	2	5.9%
	MILLER	72	19	26.4%	5	6.9%	35	48.6%	8	11.1%	5	6.9%
	MONITEAU	50	5	10.0%	2	4.0%	34	68.0%	8	16.0%	1	2.0%
	MORGAN	127	39	30.7%	16	12.6%	54	42.5%	14	11.0%	4	3.1%
	OSAGE	48	11	22.9%	0	0.0%	28	58.3%	6	12.5%	3	6.3%
	PHELPS	131	18	13.7%	21	16.0%	61	46.6%	21	16.0%	10	7.6%
	PULASKI	109	26	23.9%	7	6.4%	51	46.8%	20	18.3%	5	4.6%
	WASHINGTON	113	27	23.9%	3	2.7%	62	54.9%	17	15.0%	4	3.5%
	* REGION 6 TOTAL *	2,225	412	18.5%	270	12.1%	1,111	49.9%	246	11.1%	186	8.4%
REGION 7	CASS	223	10	4.5%	63	28.3%	124	55.6%	15	6.7%	11	4.9%
	CLAY	517	32	6.2%	84	16.2%	313	60.5%	20	3.9%	68	13.2%
	JACKSON	2,714	686	25.3%	339	12.5%		45.5%	59	2.2%	394	14.5%
	PLATTE	118	8	6.8%	26	22.0%	65	55.1%	7	5.9%	12	10.2%
	RAY	77	17	22.1%	2	2.6%		68.8%	4	5.2%	1	1.3%
	* REGION 7 TOTAL *	3,649	753	20.6%		14.1%		49.1%	105	2.9%	486	13.3%
REGION 8	FRANKLIN	292	31	10.6%	13	4.5%	,	67.1%	23	7.9%	29	9.9%
	JEFFERSON	552	56	10.1%	96	17.4%	344	62.3%	20	3.6%	36	6.5%
	ST CHARLES	369	32	8.7%	24	6.5%		72.6%	27	7.3%	18	4.9%
	ST LOUIS COUNTY	2,908	607	20.9%	140	4.8%		58.9%	92	3.2%	356	12.2%
	* REGION 8 TOTAL *		726	17.7%	273	6.6%		61.3%	162	3.9%		10.5%
REGION 9	ST LOUIS CITY	2,402	821	34.2%	227	9.5%	,	39.4%	96	4.0%		12.9%
REGION 10		46	1	2.2%	7	15.2%		39.1%	12	26.1%	8	17.4%
	JASPER	469	64	13.6%	99	21.1%		40.1%	48	10.2%	70	14.9%
	MCDONALD	60	5	8.3%	9	15.0%		53.3%	6	10.2%	8	13.3%
	NEWTON	222	16	7.2%	9	4.1%		66.7%	22	9.9%	27	12.2%
	* REGION 10 TOTAL		86	10.8%		15.6%		48.4%	88	9.9% 11.0%		14.2%
	STATE TOTAL	23,970	5,999	25.0%	2,534	10.6%	11,297	47.1%	1,776	7.4%	2,364	9.9%

Note: No Services/Other includes not receiving a service funded by MCO appropriations, returning to the community on their own resources, improved to where no care was needed, died before a long-term care decision could be made, or there was insufficient data to determine an outcome.

Screening Outcomes by Region and Fiscal Year

	FY 1995		FY 1996		FY 1997		FY 1998	
	#	%	#	%	#	%	#	%
Home & Community Service Or	utcomes							
State Total	1,807	10.0%	2,582	13.2%	4,043	18.6%	5,999	25.09
Region 1 - South Central	166	7.4%	227	9.5%	411	15.8%	838	26.99
Region 2 - Southeast	640	23.0%	725	26.0%	641	22.8%	1,260	36.49
Region 3 - West Central	132	13.1%	329	24.3%	419	29.0%	559	34.2
Region 4 - Northwest	76	6.9%	76	6.9%	150	12.6%	253	19.1
Region 5 - Northeast	89	9.3%	142	14.2%	141	14.5%	291	23.2
Region 6 - Central	192	11.9%	326	16.6%	374	17.4%	412	18.5
Region 7 - Metro Kansas City	136	4.8%	307	10.0%	730	18.9%	753	20.6
Region 8 - Metro St. Louis	197	6.2%	243	6.7%	551	14.2%	726	17.6
Region 9 - St. Louis City	160	9.3%	185	11.1%	599	28.7%	821	34.2
Region 10 - Southwest	19	2.7%	22	3.3%	27	3.6%	86	10.8
RCF-PC Outcomes								
State Total	2,223	12.2%	1,989	10.1%	2,594	11.9%	2,534	10.6
Region 1 - South Central	318	14.1%	264	11.1%	273	10.5%	303	9.7
Region 2 - Southeast	353	12.7%	294	10.5%	376	13.4%	389	11.2
Region 3 - West Central	113	11.2%	135	10.0%	157	10.9%	165	10.1
Region 4 - Northwest	157	14.2%	163	14.7%	165	13.8%	147	11.1
Region 5 - Northeast	152	15.9%	100	10.0%	92	9.5%	122	9.7
Region 6 - Central	176	10.9%	199	10.1%	311	14.5%	270	12.1
Region 7 - Metro Kansas City	302	10.6%	264	8.6%	548	14.2%	514	14.1
Region 8 - Metro St. Louis	292	9.2%	293	8.1%	320	8.2%	273	6.6
Region 9 - St. Louis City	217	12.6%	161	9.7%	209	10.0%	227	9.5
Region 10 - Southwest	143	20.3%	116	17.4%	143	19.0%	124	15.6
Nursing Facility Outcomes								
State Total	11,397	62.8%	12,088	61.7%	11,397	52.4%	11,297	47.1
Region 1 - South Central	1,374	61.1%	1,470	61.8%	1,401	53.8%	1,449	46.6
Region 2 - Southeast	1,268	45.6%	1,187	42.6%	1,134	40.4%	1,176	34.0
Region 3 - West Central	610	60.4%	689	50.8%	669	46.3%	709	43.4
Region 4 - Northwest	620	56.3%	605	54.7%	550	46.1%	601	45.4
Region 5 - Northeast	570	59.6%	553	55.5%	555	57.0%	606	48.2
Region 6 - Central	1,026	63.8%	1,153	58.6%	1,111	51.7%	1,111	49.9
Region 7 - Metro Kansas City	2,069	72.6%	2,210	71.7%	2,040	52.9%	1,791	49.1
Region 8 - Metro St. Louis	2,348	74.0%	2,731	75.8%	2,537	65.3%	2,521	61.2
Region 9 - St. Louis City	1,105	64.3%	1,075	64.8%	998	47.8%	947	39.4
Region 10 - Southwest	404	57.4%	415	62.4%	402	53.5%	386	48.4

Screening Outcomes by Region and Fiscal Year

	FY 1995		FY 1996		FY 1997		FY 1998	
	#	%	#	%	#	%	#	%
Nursing Facility - Short-Term C	Outcomes							
State Total	1,377	7.6%	1,715	8.7%	1,981	9.1%	1,776	7.4%
Region 1 - South Central	242	10.8%	283	11.9%	318	12.2%	272	8.7%
Region 2 - Southeast	371	13.3%	436	15.6%	482	17.2%	357	10.39
Region 3 - West Central	103	10.2%	142	10.5%	141	9.8%	114	7.0%
Region 4 - Northwest	180	16.3%	209	18.9%	233	19.5%	176	13.39
Region 5 - Northeast	99	10.4%	171	17.2%	151	15.5%	160	12.79
Region 6 - Central	134	8.3%	187	9.5%	230	10.7%	246	11.19
Region 7 - Metro Kansas City	97	3.4%	96	3.1%	126	3.3%	105	2.99
Region 8 - Metro St. Louis	48	1.5%	71	2.0%	114	2.9%	162	3.99
Region 9 - St. Louis City	32	1.9%	43	2.6%	73	3.5%	96	4.09
Region 10 - Southwest	71	10.1%	77	11.6%	113	15.0%	88	11.09
No Services/Other Outcomes *								
State Total	1,349	7.4%	1,229	6.3%	1,738	8.0%	2,364	9.99
Region 1 - South Central	149	6.6%	136	5.7%	199	7.6%	249	8.09
Region 2 - Southeast	150	5.4%	147	5.3%	173	6.2%	276	8.09
Region 3 - West Central	52	5.1%	61	4.5%	58	4.0%	88	5.49
Region 4 - Northwest	69	6.3%	54	4.9%	94	7.9%	147	11.19
Region 5 - Northeast	46	4.8%	31	3.1%	34	3.5%	77	6.19
Region 6 - Central	79	4.9%	101	5.1%	122	5.7%	186	8.49
Region 7 - Metro Kansas City	244	8.6%	206	6.7%	414	10.7%	486	13.39
Region 8 - Metro St. Louis	288	9.1%	263	7.3%	366	9.4%	431	10.5
Region 9 - St. Louis City	205	11.9%	195	11.8%	210	10.0%	311	12.99
Region 10 - Southwest	67	9.5%	35	5.3%	67	8.9%	113	14.29

^{*} No Services/Other includes not receiving a service funded by MCO appropriations, returning to the community on their own resources, improved to where no care was needed, died before a long-term care decision could be made, or there was insufficient data to determine an outcome. Region was missing for one referral in FY 1997; therefore regional totals will not add to state total.

Description of Home & Community Services

Homemaker Care

General housekeeping tasks provided by trained homemakers to assist with routine household activities.

Basic Personal Care

Assistance with activities of daily living such as grooming, bathing, dressing and eating.

Advanced Personal Care

Assistance with daily living for persons with altered body functions requiring more medically related assistance.

Respite Care

Companion and oversight services which provide temporary relief for the regular caregiver of a dependent adult.

Advanced Respite Care

Maintenance services provided to a person with special needs for the purpose of providing temporary relief to a caregiver who lives with the person.

Nurse Respite Care

Service to offer relief to a live-in caregiver for a person with special needs that only a nurse (or trained family member) could provide.

Adult Day Health Care

Organized programs consisting of therapeutic, rehabilitative and social activities provided outside the home to persons with functional impairments.

Nurse Visits

Maintenance, supervisory or preventive services provided by a registered nurse or licensed practical nurse.

RCF-Personal Care (PC) Services

Personal care services, advanced personal care services and/or nurse visits provided to residents of residential care facilities.

Maximum Reimbursement Unit Rates for Home & Community Services

Homemaker and Basi	c Person	al Care					
	Unit:		Unit Rate:	July 1, 1995		\$10.36	
				July 1, 1996		\$10.86	
				November 1		\$11.46	
				September 1	,	\$11.94	
Advanced Personal Co	are						
	Unit:	1 hour	Unit Rate:	July 1, 1994		\$14.61	
				July 1, 1996		\$14.90	
				November 1		\$15.50	
				September 1		\$15.98	
Respite, in-home 12-h	our						
respect, an include 12 is		9-12 hours	Unit Rate:	July 1, 1992		\$40.00	
Respite, in-home 1 ho				, , , , , , , , , , , , , , , , , , ,		,	
1 /	Unit:	1 hour	Unit Rate:	July 1, 1994		\$7.36	
				July 1, 1996		\$9.00	
				November 1		\$9.60	
				September 1		\$10.08	
Nurse Respite							
	Unit:	4 hours	Unit Rate:	June 1, 1997	,	\$75.00	
Advanced Respite, in-	home 1 l	hour					
in the second se	Unit:		Unit Rate:	July 1, 1996		\$12.00	
				November 1		\$12.60	
				June 1, 1997	*	\$13.08	
Advanced Respite, in-	home blo	ock					
-	Unit:	8 hours	Unit Rate:	June 1, 1997	•	\$75.00	
Advanced Respite, in-	home da	ily					
_	Unit:	24 hours	Unit Rate:	June 1, 1997	,	\$175.00	
Adult Day Health Car	re (1 day)						
	Unit:	1 day	Unit Rate:	July 1, 1994		\$33.50	
				July 1, 1996		\$40.00	
				November 1	, 1996	\$41.50	
Nurse Visits							
	Unit:	1 visit	Unit Rate:	July 1, 1990		\$25.00	
				July 1, 1996		\$35.00	
				November 1	, 1996	\$35.60	
				September 1	, 1997	\$36.08	
RCF-PC Services				Personal	Advance	d	RN
				Care	Personal C	are	Visits
	nit Data.	July 1, 1996		\$10.07	\$12.11		\$25.00
Unit: 1 hour Unit: 1	nit Rate:	July 1, 1770		*			
Unit: 1 hour U	mi Kate:	November 1,	1996	\$10.67	\$12.71		\$25.60